

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JUN-HO SUNG *et al.*

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 3 January 2001

Art Unit: *to be assigned*

For: INTERNET INTERFACE SERVICE SYSTEM AND METHOD

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, provides copies and discusses the following art references:

1. Korean Patent No. No. 1999-78483 to Young-Suk CHO, entitled *PUBLIC PHONE*, published on 5 November 1999, discloses a public phone in a public phone booth comprising a card reader, a phone controller controlling a telephone line in response to the card reader, and a modem connector for connecting a personal computer to the telephone line.

2. Korean Patent No. 2000-013472 to Choa-Soon Kim, entitled *PUBLIC PHONE FOR INTERNET*, published on 6 March 2000, discloses a public phone in a public phone booth which comprises a terminal suitable to connect a personal computer to the public phone, a coin receiver and card reader, a phone controller forming a telephone line in response to the coin receiver and card reader, a display for displaying a guide screen having a menu for accessing an Internet in response to the phone controller, and a code generator generating a code file in response to a selection of the menu for accessing the Internet.
3. Japanese Patent No. 11-126186 to Yokono *et al.*, entitled *COMPUTER SYSTEM AND RECORDING MEDIUM*, published on 5 November 1999, discloses a computer system wherein a recording medium is loaded on a computer terminal (public terminal 1), and based on the result of use condition confirming processing using information recorded in the recording medium, various kinds of processing using the public terminal 1 are enabled. The patent also discloses that, with respect to the use condition confirming processing or various kinds of processing to be executed by using the public terminal 1 in the case of using the public terminal 1, the required information communication can be executed between the public terminal 1 and a server system.

4. Japanese Patent No. 11-134280 to Kudo *et al.*, entitled *BUSINESS TERMINAL*, published on 21 May 1999, provides a business terminal as a business support at a visiting spot by providing environment for facsimile communication for the user through read-out of a carried card by a card reader when the use of facsimile communication service is indicated. The patent discloses that, when a membership card is inserted into a card reader 3, the card reader 3 of the business terminal reads out data entered into the membership card, and that at least an ID information is read and a data processor identifies the registered regular member. The patent further discloses that, when the regular member is identified, the root screen of the business terminal is displayed on a display 1, and that the user inputs an indication on a keyboard 2 or a mouse 6. When facsimile is selected, the patent discloses that, a facsimile communication means is actuated to display a facsimile screen for receiving the facsimile service on the display 1.
5. Japanese Patent No. 8-055070 to Nakazawa *et al.*, entitled *COMMUNICATION TERMINAL CARD*, published on 27 February 1996, provides a communication terminal card which can be carried and is independently operated and is connected to a public telephone outdoors to enable a user to read data, which he wants, through a telephone line. The patent discloses that a communication terminal card consists of a terminal 16 for communication, a MODEM 10C, a display part 10F, a control

part 10B, and an operation part 10E, and that the terminal 16 for communication is, for example, a modular jack to be connected to a telephone line 30, and the MODEM 10C modulates data transmitted/received through the telephone line 30 from a digital signal to an analog signal or demodulates it from an analog signal to a digital signal, and the display part 10F displays data, and that the control part 10B controls transmission/reception operation or data displayed on the display part 10F, and that the operation part 10E gives an instruction to the control part 10B to perform the operation. The patent further discloses that the communication terminal card is provided with a memory 10A, where data is stored, and is preferably provided with a connector 11 and an interface part 10D for connection to a personal computer.

6. Japanese Patent No. 2-067071 to Isogawa, entitled *ISDN TERMINAL*, published on 7 March 1990, provides a system which expands an ISDN service to a public terminal by providing a network terminating device, a public telephone set, a public charging device, a terminal connecting plug socket, and a customer bus to connect them with each other. The patent discloses that the device is constituted of the network terminating device 3 connected to a subscriber line 1, the public telephone set 5, the public charging device 4, the terminal connecting plug socket 5, and the customer bus 2 to connect them with each other, and that the network terminating device 3 is connected to the subscriber line 1 of an ISDN exchange and performs

"physical" level conversion, and outputs a level to the customer bus 2. The patent also discloses that the public charging device 4 consists of a bus monitoring part 41, a charge processing part 42, a charge display part 43, and a charge accounting part 44, and performs a charge processing for all of the terminals connected to the customer bus 2 and that a portable terminal 7 is connected to the customer bus 2 also via the terminal connecting plug socket 6, and performs packet switching communication or line switching communication by dialing after throwing a coin or a telephone card to the public charging device 4. In such a way, according to the patent, it is possible to use the public terminal as an ISDN terminal for public.

7. Japanese Patent No. 9-190395 to Tanaka, entitled *MOBILE COMPUTER DEVICE*, published on 22 July 1997, provides a system to realize communication with a computer device which is made into a network and the like without the need of a MODEM card and the like and resetting the content of an environment file and to eliminate the trouble of the connection and the detachment of a unit by providing a MODEM circuit and a portable telephone function part. The patent discloses a system wherein the MODEM circuit 15, the portable telephone function part 6 and an antenna 7 are provided in the casing of the mobile computer 1 and that the portable telephone function part 6 supports communication between a central processing part 5 and a public line. The patent also discloses, when a

communication request using the public line is inputted, the MODEM circuit 15 modulates/demodulates a transmission/reception signal for the central processing part 5. At the time of communicating with a computer device becoming a communication destination through the public line, the patent further discloses that a communication line with the computer device becoming the communication destination is established only by inputting the communication request by operating a keyboard part 3 so as to execute communication.

8. Japanese Patent No. 9-245230 to Kokatsu *et al.*, entitled *INVALID CARD CHECKING DEVICE AND INVALID CARD CHECKING SYSTEM*, published on 17 September 1997, provides a system which rapidly, simply and inexpensively checks an invalid card and to prevent an illicit credit transaction. The checking device of this patent is provided with a card reader 10 reading card data from a credit card 70, an NCU/modem 20 and an display lamp 30. The patent discloses that a modem 20 is connected with a telephone set 50 and is connected with a host computer via a public telephone line 52. This checking system, according to the patent, has the checking device 1, a network and the host computer.
9. U.S. Patent No. 5,339,239 to Manabe *et al.*, entitled *INFORMATION COLLECTING AND/OR SERVICE FURNISHING SYSTEMS BY WHICH A USER CAN*


*REQUEST INFORMATION FROM A CENTRAL DATA BASE USING A PORTABLE
PERSONAL TERMINAL AND AN ACCESS TERMINAL*, issued on 16 August 1994.

10. U.S. Patent No. 5,949,379 to Yang, entitled *MICROWAVE ANTENNA DEVICE ON
PCMCIA NETWORK CARDS FOR NOTEBOOK COMPUTERS*, issued on
September 7, 1999.

The citation of the foregoing references is not intended to constitute an assertion that other
or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-
ranging and thorough search of the relative arts.

No fee is incurred by this Statement.

Respectfully submitted,


Robert E. Bushnell
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300
Washington, D.C. 20005
Area Code: 202-638-5740

Folio: P56268
Date: 3 January 2001
I.D.: REB/kf